



University of Hawaii at Manoa

Environmental Center
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July 12, 1984

(RV:0071)

RP:0042

Mr. Shinji Soneda, Chief
Environmental Protection
and Health Services Division
Department of Health
P.O. Box 3378
Honolulu, Hawaii 96801

Dear Mr. Soneda:

Zone of Mixing No. 259 and NPDES No. HH0110141 Applications
Schofield Barracks Sewage Treatment Plant
Wahiawa, Oahu

In a telephone conversation, Ed Yamada of DOH (June 28, 1984) notified us of an error in the ZOM application for the Schofield Barracks Sewage Treatment Plant. The document incorrectly states that the present daily average discharge is 2.5 gallons whereas the correct figure is 2.5 million gallons. In response to your request for our comments on this ZOM (April 19, 1984), we had indicated (June 20, 1984) no need for concern, given the quantity and quality of the discharge. Considering that the amount of discharge will be much greater than initially reported, it is our opinion that greater attention should be given to reducing the coliform counts which have been observed to exceed the limits specified by the Department of Health. Will the bacteriological requirements be met or will more chlorine be added to increase the residual values for chlorine in the effluent discharged? From the NPDES application for the same facility we note that the fecal coliform content of the domestic waste will be analyzed with a minimum frequency of once a week. We would like to recommend that samples be taken immediately prior to discharges to the stream to assure that high levels of coliform bacteria are not discharged into the stream waters.

We would also like to call your attention to the differences (.35 mgd), although relatively small, between the NPDES and the ZOM applications in reference to the average daily flow discharged.

We appreciate the opportunity to participate in the review of these applications.

Yours truly,

Doak C. Cox
Director

cc: Jacquelin Miller
Pamela Bahnsen
Antonio De Oteyza
Ed Yamada

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